> This Raw Listing contains the General
> Information Section and up to the first 5 pages.

```
 1                              SEQUENCE LISTING      ENTERED
 2
 3    (1)     General Information:
 4
 5        (i) APPLICANT: PARMENTIER, MARC
 6                       VASSART, GILBERT
 7                       MEUNIER, JEAN-CLAUDE
 8                       MOLLEREAU, CATHERINE
 9
10       (ii) TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING PEPTIDES
11                HAVING PRONOCICEPTIVE PROPERTIES
12
13      (iii) NUMBER OF SEQUENCES: 4
14
15       (iv) CORRESPONDENCE ADDRESS:
16           (A) ADDRESSEE: Knobbe, Martens, Olson & Bear
17           (B) STREET: 620 Newport Center Drive  16th Floor
18           (C) CITY: Newport Beach
19           (D) STATE: CA
20           (E) COUNTRY: U.S.A.
21           (F) ZIP: 92660
22
23       (v) COMPUTER READABLE FORM:
24           (A) MEDIUM TYPE: Floppy disk
25           (B) COMPUTER: IBM PC compatible
26           (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27           (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
28
29      (vi) CURRENT APPLICATION DATA:
30           (A) APPLICATION NUMBER:
31           (B) FILING DATE:
32           (C) CLASSIFICATION:
33
34     (viii) ATTORNEY/AGENT INFORMATION:
35           (A) NAME: Altman, Daniel E
36           (B) REGISTRATION NUMBER: 34,115
37           (C) REFERENCE/DOCKET NUMBER: VANMA72.001APC
38
39       (ix) TELECOMMUNICATION INFORMATION:
40           (A) TELEPHONE: 714-760-0404
41           (B) TELEFAX: 714-760-9502
42           (C) TELEX:
43
44
45    (2) INFORMATION FOR SEQ ID NO: 1:
46
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47          (i) SEQUENCE CHARACTERISTICS:
48              (A) LENGTH: 932 base pairs
49              (B) TYPE: nucleic acid
50              (C) STRANDEDNESS: double
51              (D) TOPOLOGY: linear
52
53         (ii) MOLECULE TYPE: cDNA
54
55
56
57         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
58
59  CTCTCCAGCG TGTTCAGCAG CTGTCCCGAG GACTGCCTCA CCTGCCAGGA GAGGCTCCAC          60
60
61  CCGGCTCCGG GCAGCTTCAA CCTGAAGCTG TGCATCCTCC AGTGTGAAGA GAAGGTCTTC         120
62
63  CCCCGCCCTC TCTGGACTCT TTGCACCAAA GCCATGGCCA GTGACTCTGA GCAGCTCAGC         180
64
65  CCTGCTGATC CAGAGCTCAC GTCCGCTGCT CTTTACCAGT CGAAAGCCTC GGAGATGCAG         240
66
67  CACCTGAAGA GAATGCCGCG TGTCAGGAGT GTGGTGCAAG CCCGAGACGC AGAGCCTGAG         300
68
69  GCAGATGCAG AGCCTGTCGC AGATGAGGCC GATGAGGTGG AGCAGAAGCA GCTGCAGAAA         360
70
71  AGGTTTGGGG GCTTCACTGG GGCCCGGAAG TCAGCCCGGA AGTTGGCCAA CCAGAAGCGG         420
72
73  TTCAGTGAGT TTATGAGGCA GTACCTGGTC CTGAGCATGC AGTCAAGCCA ACGCCGCCGC         480
74
75  ACTCTGCACC AGAATGGTAA TGTGTAGCCA GAAGGAGCCC CTCCCAGCTG CACCGGCCAC         540
76
77  TGCAACCCAT GAGCATCCAG GTGAGCCCCC GTACAGCATG TGTCCACACC AAGACCTGCA         600
78
79  GGCCGGGAGT CAGGATTCCT CCTTCCCTGA GGCACTGAAC ACCCGCGGCA CCTCCCCACA         660
80
81  GCATGTCTCA CCACAATCCT GTTGCTACAT CAGAGTGTAT TTTTGTAATT CCTCCAGCTA         720
82
83  ACATTTTAAT GGCCCCATCT TCTTGCTCAT CCTCTGCCCT CTCGTAGGGC CAGGTGAGAG         780
84
85  GAACATGAAA TCAGACCTGG GGTTTTGCCT CACCACTGCC ATAACTGGTT TGTAAAGGAG         840
86
87  CTGTTCTTTT TGACTGATTG TTTGAAACAA CTTTCTCCAT TAAACTTCTA CTGAGCAAAA         900
88
89  TGGTTAATAA AAAAAAAAAA AAAAAGGAAT TC                                       932
90
91  (2) INFORMATION FOR SEQ ID NO: 2:
92
93          (i) SEQUENCE CHARACTERISTICS:
94              (A) LENGTH: 17 amino acids
95              (B) TYPE: amino acid
96              (C) STRANDEDNESS: single
97              (D) TOPOLOGY: linear
98
99         (ii) MOLECULE TYPE: peptide
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100
101
102
103         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
104
105         Phe Gly Gly Phe Thr Gly Ala Arg Lys Ser Ala Arg Lys Leu Ala Asn
106         1               5                   10                  15
107
108         Gln
109
110
111   (2) INFORMATION FOR SEQ ID NO: 3:
112
113         (i) SEQUENCE CHARACTERISTICS:
114             (A) LENGTH: 17 amino acids
115             (B) TYPE: amino acid
116             (C) STRANDEDNESS: single
117             (D) TOPOLOGY: linear
118
119         (ii) MOLECULE TYPE: peptide
120
121
122
123         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
124
125         Phe Ser Glu Phe Met Arg Gln Tyr Leu Val Leu Ser Met Gln Ser Ser
126         1               5                   10                  15
127
128         Gln
129
130
131   (2) INFORMATION FOR SEQ ID NO: 4:
132
133         (i) SEQUENCE CHARACTERISTICS:
134             (A) LENGTH: 8 amino acids
135             (B) TYPE: amino acid
136             (C) STRANDEDNESS: single
137             (D) TOPOLOGY: linear
138
139         (ii) MOLECULE TYPE: peptide
140
141
142
143         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
144
145         Thr Leu His Gln Asn Gly Asn Val
146         1               5
147
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION *US/09/011,797*

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SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION   *US/09/011,797*

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APPLICATION NUMBER
FILING DATE
PRIOR APPLICATION DATA

SEQUENCE CORRECTION REPORT
PATENT APPLICATION   *US/09/011,797*

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/09/011,797*

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Line   Error   Original Text

SEQUENCE MISSING ITEM REPORT
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INPUT SET: S29792.raw

APPLICATION NUMBER
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PRIOR APPLICATION DATA

SEQUENCE CORRECTION REPORT
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